

**Joint Dark Energy Mission (JDEM)
Project
Code 448**

**Telescope Concept Study
Deliverable Items List and Schedule**

JDEM-TELE-LIST-0002

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**National Aeronautics and
Space Administration**

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1.0 INTRODUCTION

This document is the Joint Dark Energy Mission (JDEM) Project Telescope Concept Study Deliverable Items List and Schedule (DILS). This document provides specific information on the deliverables for the Telescope Concept Study.

1.1 PROPRIETARY DATA

The information provided during the course of the study and in the study report will be considered public information unless designated proprietary or ITAR sensitive. The Government will keep proprietary information confidential. ITAR sensitive information will be protected according to the regulations.

1.2 DOCUMENTS

1.2.1 Applicable Documents

JDEM-TELE-LEGL-0008	JDEM Project Telescope Concept Study Statement of Work
JDEM-TELE-REF-0010	JDEM Project Telescope Concept Study Payload Description
JDEM-TELE-REQ-0001	JDEM Project Telescope Concept Study Interface and Constraints Document
JDEM-SE-REF-0011	JDEM Project Math Models Guidelines Document

2.0 Interactions During the Study Period

The study participants shall participate in the meetings specified in Table 2-1 in support of the study activity.

Table 2-1 Study Schedule, Meetings, and Location

Date	Activity	Location	Duration
Within 7 calendar days of award	Kick-Off Meeting	GSFC	1 days
Within 50 calendar days of award	Interim Status Review 1	Vendor Site	1 day
Within 75 calendar days of award	Initial Model Delivery TIM	Vendor Site or Webex/Telecon	1 day
Within 100 calendar days of award	Interim Status Review 2	Vendor Site	1 day
Study Completion	Final Presentation	GSFC	1 day
As needed	Informal Exchanges	JDEM website or Telecon	N/A

2.1 Kick-Off Meeting

The Kick-Off Meeting will be a half day meeting where the JDEM Project will discuss the study expectations, provide the study participants any updates to the spacecraft finite element model, the telescope optical prescription and the packaged instrument, respond to study participant questions

and review the participants plan for implementing the study and the resources planned to execute the study.

2.2 Interim Status Review 1

The Interim Status Review 1 shall be given in order to allow evaluation of the progress of all aspects of the study. In particular, the Interim Status Review 1 shall focus on the design concept and progress on implementing the integrated modeling capability.

2.3 Initial Model Delivery TIM

The Initial Model Delivery Technical Interchange Meeting (TIM) shall be an informal meeting to review the models being delivered and provides an opportunity for the Government to interact with the model developers to ensure the models can be used by the Government.

2.4 Interim Status Review 2

The Interim Status Review 2 shall be given in order to allow evaluation of the progress of all aspects of the study since the Interim Status Review 1. In particular, the Interim Status Review 2 shall focus on the establishment of the telescope integrated model as a tool that is supporting achievement of the study objectives and on the results of design trades conducted to date and the plans for the remainder of the study.

2.5 JDEM Website

The JDEM website will have password protected locations where each Study participant may upload questions for the Government. The Government will evaluate the questions and provide responses, if appropriate, to technical questions or requests for information on the website to all Study participants, unless the question pertains to a participant's specific proprietary approach.

3.0 Data Delivery Documentation and Schedule

3.1 Schedule

Deliverables shall be provided in accordance with the schedule specified in Table 3-1. All periods of performance are stated in calendar days.

Table 3-1 Deliverables Schedule

Item #	Description	Delivery Date	# of Copies
1	Final Report & Presentation	Final Presentation	5 hard copies 1 electronic copy
2	Telescope Design Models and Documentation	Initial @ Award + 75 days Final @ Study Completion	1 hard copy (documentation) 1 electronic copy (model)

3.2 Final Report and Presentation

The Final Report and Presentation shall document the results of the study.

3.2.1 Final Report

The Final Report shall include all information specifically requested in the SOW and provide sufficient detail to evaluate the feasibility of building a telescope for JDEM.

3.2.2 Final Presentation

The Final Presentation shall be given to present the results of the study in viewgraph form. The Final Presentation viewgraphs shall be accompanied by sufficient backup descriptive information in the Final Report that their technical content is supported and their conclusions are clear and unambiguous. The viewgraphs shall either be included in the final report adjacent to the descriptive text or adequately cross-referenced. The need for additional verbal facts to explain or augment the Presentation and Report shall be kept to an absolute minimum.

3.3 Telescope Design Models and Documentation

Models developed in support of this study shall be delivered. Models to be delivered include CAD, structural and thermal. The delivered models and accompanying documentation shall adhere to the requirements and guidelines provided in the Math Models Guidelines Document.

3.4 Deliverable Formats

The hard copies for all deliverables shall be numbered for control purposes and the soft copy shall be compatible with Microsoft PowerPoint or Adobe PDF.